

Converting Colors

XYZ(59.1959, 59.4354, 18.3635)

Have a look what the booklet for
XYZ(59.1959, 59.4354, 18.3635)
contains.

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Color

**XYZ(59.3279, 59.6650,
18.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C45C
RGB	245, 196, 92
RGB Percent	96%, 77%, 36%
CMY	0.0392, 0.2313, 0.6392
CMYK	0.00, 0.20, 0.62, 0.04
HSL	41°, 88%, 66%
HSV	41°, 62%, 96%
XYZ	59.3279, 59.6650, 18.5148
YIQ	198.7950, 62.5880, -21.9560

Conversions

Conversions Part 2

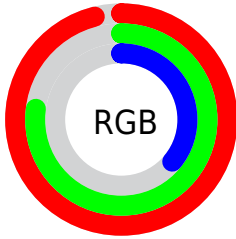
Format	Color
RYB	164, 245, 92
Decimal	16106588
CIELab	81.66, 6.38, 57.57
CIELCh	82, 57.922, 83.676
Yxy	59.6650, 0.4315, 0.4339
Android (android.graphics.Color)	4294296668 (0xFFFF5C45C)
YUV	198.7950, -52.6499, 40.5218
Hunter-Lab	77.2431, 1.9245, 39.8587

Details

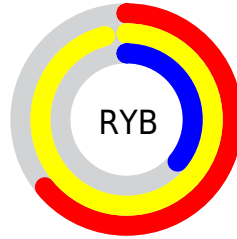
The XYZ color **59.3279, 59.6650, 18.5148** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **30.4196, 27.9166, 90.1710**, and the grayscale version is **54.4470, 57.2825, 62.3806**.

A 20% lighter version of the original color is **81.2387, 92.9561, 40.8547**, and **30.1799, 30.0991, 6.0528** is the 20% darker color. If you saturate the color by 10%, you get **56.7019, 55.8589, 13.1830**, and if you desaturate by 10%, it is **62.3954, 63.8004, 25.7029**.

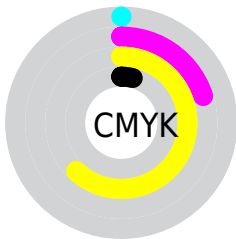
Distribution



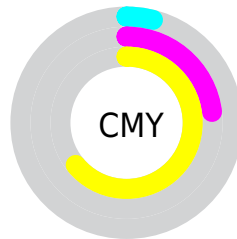
- Red (96%)
- Green (77%)
- Blue (36%)



- Red (64%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (20%)
- Yellow (62%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3279, 59.6650, 18.5148 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.3279, 59.6650, 18.5148 by changing the saturation by 10% instead.


 59.3279, 59.6650,
18.5148


 59.3279, 59.6650,
18.5148


411.9905,
423.3619, 256.0898

 43.1245, 43.1487,
11.1470


 102.9660,
104.3436, 41.7383


 30.1778, 30.0018,
6.0504


 131.1314,
133.2746, 58.4311

 20.1223, 19.8399,
2.8064


 164.0149,
167.1126, 79.0692

 12.5928, 12.2788,
0.9967

 201.9818,
206.2421, 104.0713

 7.2238, 6.9338,
0.0000

245.3974,
251.0473, 133.8559

 3.6500, 3.4207,
0.0000

294.6272,

 1.5061, 1.3551,

301.9128, 168.8414

0.0000

350.0364,
359.2228, 209.4466

■ 0.3300, 0.1833,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3279, 59.6650,
18.5148

■ 59.3279, 59.6650,
18.5148

■ 56.7019, 55.8589,
13.1830

■ 62.3954, 63.8004,
25.7029

■ 54.4771, 52.3569,
9.5204


■ 65.9319, 68.2714,
34.9032


■ 52.6115, 49.1420,
7.3065


■ 69.9668, 73.0941,
46.2587


■ 51.3915, 46.8833,
6.3408

■ 74.5260, 78.2810,
59.8986

 79.6333, 83.8438,
75.9419

 85.3107, 89.7932,
94.4990

 90.1797, 95.5797,
108.3035

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.7382, 59.6650, 24.5359



59.3279, 59.6650, 18.5148



47.8189, 59.6650, 20.8758

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.3279, 59.6650, 18.5148



37.8580, 59.6650, 95.7785



77.7395, 59.6650, 113.3230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.3279, 59.6650, 18.5148



30.4196, 27.9166, 90.1710

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6396, 59.6650, 147.7454



59.3279, 59.6650, 18.5148



43.9420, 59.6650, 135.3375

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3279, 59.6650, 18.5148



36.4789, 59.6650, 57.8558



54.1699, 59.6650, 156.9849



83.3053, 59.6650, 72.6340

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3279, 59.6650, 18.5148



42.0306, 59.6650, 27.5378



54.1699, 59.6650, 156.9849



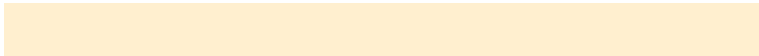
74.4615, 59.6650, 126.5229

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.3293, 59.6679, 18.5160



83.4563, 87.7605, 71.2843



46.4415, 29.0504, 29.1469



17.5313, 18.4183, 14.2297



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3293, 59.6679, 18.5160



61.3961, 60.1029, 13.1784



63.9483, 81.2151, 22.4316



17.4412, 18.3664, 17.4234



27.8163, 25.5182, 3.4594



2.5373, 2.4279, 0.3349

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30.4196, 27.9166, 90.1710



27.4808, 22.9670, 97.5924



27.7126, 18.0642, 88.4120



16.0143, 16.7929, 20.9399



10.4744, 6.7425, 47.2874



1.0096, 0.7705, 4.1858

Previews

White Background



This preview shows how the XYZ color 59.3279, 59.6650, 18.5148 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.3279, 59.6650, 18.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3279, 59.6650, 18.5148

Background



This preview shows how black text looks on a background with the XYZ color 59.3279, 59.6650, 18.5148.



This preview shows how white text looks on a background with the XYZ color 59.3279, 59.6650,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.3279, 59.6650, 18.5148

Protanopia

54.4277, 59.5276, 19.2110

Deuteranopia

60.8294, 59.4395, 18.6228



Tritanopia

67.9573, 59.2871, 61.8947

Trichromacy



Original Color

59.3279, 59.6650, 18.5148

Protanomaly

55.9088, 59.2547, 18.8465

Deuteranomaly

60.3345, 59.5136, 18.6632

Tritanomaly

63.7527, 58.8285, 41.2526

Monochromacy



Original Color

59.3279, 59.6650, 18.5148

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8581, 57.5252, 41.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3279, 59.6650, 18.5148 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 196, 92)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 196, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 92) }
```

Border

The CSS property to change the border of an element to XYZ 59.3279, 59.6650, 18.5148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 196, 92) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(245, 196, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(245, 196, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 92);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3279, 59.6650, 18.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
196, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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